**Agenda**

1. Introductions – if you can, state one thing you would like to see added/changed/enhanced in the wiki/manual
2. Updates
   1. [Occurrence and mechanisms of constructed stormwater ponds that do not effectively retain phosphorus](https://stormwater.pca.state.mn.us/index.php?title=Occurrence_and_mechanisms_of_constructed_stormwater_ponds_that_do_not_effectively_retain_phosphorus)
   2. [Mosquito control and stormwater management](https://stormwater.pca.state.mn.us/index.php?title=Mosquito_control_and_stormwater_management)
   3. [Guidance for managing sediment and wastes collected by pretreatment practices](https://stormwater.pca.state.mn.us/index.php?title=Guidance_for_managing_sediment_and_wastes_collected_by_pretreatment_practices)
   4. [Pretreatment section of the manual](https://stormwater.pca.state.mn.us/index.php?title=Pretreatment)
   5. [TMDL guidance](https://stormwater.pca.state.mn.us/index.php?title=Total_Maximum_Daily_Loads_(TMDLs))
   6. [CSW BMPs and winter stabilization](https://stormwater.pca.state.mn.us/index.php?title=Construction_stormwater_program#Best_Management_Practices)
   7. [Education](https://stormwater.pca.state.mn.us/index.php?title=Stormwater_education)
   8. Pollinator [BMPs](https://stormwater.pca.state.mn.us/index.php?title=Pollinator_friendly_Best_Management_Practices_for_stormwater_management) and [plants](https://stormwater.pca.state.mn.us/index.php?title=Pollinator_specific_plants)
   9. [Green infrastructure, climate change, and sustainable stormwater management](https://stormwater.pca.state.mn.us/index.php?title=Green_Infrastructure_for_stormwater_management)
   10. Case studies
       1. [Case studies for pretreatment](https://stormwater.pca.state.mn.us/index.php?title=Case_studies_for_pretreatment)
       2. [Case studies for dry swale (grass swale)](https://stormwater.pca.state.mn.us/index.php?title=Case_studies_for_dry_swale_(grass_swale))
       3. [Wet swale case study](https://stormwater.pca.state.mn.us/index.php?title=Case_studies_for_wet_swale)
       4. [Step pool case study](https://stormwater.pca.state.mn.us/index.php?title=Case_studies_for_high-gradient_stormwater_step-pool_swale)
   11. [MIDS calculator tips and information for maximizing volume retention](https://stormwater.pca.state.mn.us/index.php?title=MIDS_calculator_tips_and_information_for_maximizing_volume_retention)
   12. Added three examples to [Guidance and recommendations for conducting a higher level of engineering review for stormwater infiltration in DWSMAs and Wellhead Protection Areas](https://stormwater.pca.state.mn.us/index.php?title=Guidance_and_recommendations_for_conducting_a_higher_level_of_engineering_review_for_stormwater_infiltration_in_DWSMAs_and_Wellhead_Protection_Areas)
   13. Wiki things – hover boxes, popup boxes, tech/info page alerts ([see examples here](https://stormwater.pca.state.mn.us/index.php?title=Case_study_for_using_the_MPCA_Simple_Estimator_to_meet_TMDL_permit_requirements)) and interactive image ([link here](10%20Steps%20to%20Stormwater%20Pollution%20Prevention%20on%20Small%20Residential%20Construction%20Sites))
3. Items from the 2018 meeting that we didn’t get to
   1. Need more/updated information/guidance on operation and maintenance, particularly case studies
   2. New technologies
   3. Underground infiltration
   4. Links to most recent harvest/reuse documents
   5. Update sizing information for ponds
   6. Credits for urban forestry
   7. Information is needed at the regional/watershed scale, particularly as development occurs and density changes.
   8. Can separation distances be developed based on research
   9. Consortium of manual people who communicated with each other
   10. Research page
   11. Alternative grasses/seed mixes
   12. Link to noxious weed list
4. Future work and updates
   1. [Street sweeping](https://stormwater.pca.state.mn.us/index.php?title=Street_sweeping) credit
   2. [Engineered media](https://stormwater.pca.state.mn.us/index.php?title=Minnesota_Stormwater_Manual_test_page_5)
   3. Iron enhanced treatments
   4. [Stormwater ponds](https://stormwater.pca.state.mn.us/index.php?title=Occurrence_and_mechanisms_of_constructed_stormwater_ponds_that_do_not_effectively_retain_phosphorus)
   5. Phosphorus characterization
   6. Rapid infiltration and pollutant fate
   7. Communication plan